

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 3/01/2006

Control	0206-06-024, ETC.
Project	SFT 206-6-24, ETC.
Highway	US 79, ETC.
County	RUSK, ETC.

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: SFT 206-6-24

CONTROL: 0206-06-024

COUNTY: RUSK

LETTING: 03/07/2006

REFERENCE NO: 0224

PROPOSAL ADDENDUMS

___ PROPOSAL COVER

___ BID INSERTS (SH. NO.:

X GENERAL NOTES (SH. NO.: "D" & "E".

___ SPEC LIST (SH. NO.:

___ SPECIAL PROVISIONS:

ADDED:

DELETED:

___ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: SEE CHANGES BELOW.

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

PROPOSAL:

GENERAL NOTES -

ON SPEC DATA SHEET "D", UNDER ITEM 152, ADDED NOTE REGARDING CUTTING INTO
EXISTING PAVEMENT.

ON SPEC DATA SHEET "E", TEXT SHIFTED FROM PREVIOUS PAGE.

PLANS:

PLAN SHEETS 11A & 11B (GENERAL NOTES) -

ON SPEC DATA SHEET "D", UNDER ITEM 152, ADDED NOTE REGARDING CUTTING INTO
EXISTING PAVEMENT.

ON SPEC DATA SHEET "E", TEXT SHIFTED FROM PREVIOUS PAGE.

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GENERAL NOTES:

TEST IN ACCORDANCE WITH TxDOT STANDARD TEST METHODS					
Item	Description	Grading Requirements % Retained, Sieves	Soil Constants		Wet Ball Mill
			PI		
			Max.	Min.	
132	Embankment (TY C)		18	6	

Prime Coat And Surface Treatment Data			
Item	Application		
	Prime	First Surface Treatment	Second Surface Treatment
Asphalt, Type - Grade		AC-20-5TR	
Asphalt, Rate (gal./sq. yd.)		0.42	
Aggregate, Type		PD	
Aggregate, Grade		3	
Aggregate, Rate (cu. yd./sq. yd.)		90	
Aggregate Class***		B	
Flakiness Index			

***See rated source quality catalog

GENERAL.

I. Union Pacific Railroad Company

Protection of fiber optic cable systems

Fiber optic cable systems may be buried on the railroad's property. Protection of the fiber optic cable systems is of extreme importance since any break could disrupt service to users resulting in business interruption and loss of revenue and profits. The state and/or its contractor shall telephone the railroad during normal business hours (7:00 a.m. To 9:00 p.m., central time,

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Monday through Friday, except holidays) at 1-800-336-9193 (also a 24-hour, seven-day number for emergency calls) to determine if fiber optic cable is buried on the railroad's premises to be used by the state. If it is, the state and/or its contractor will telephone the telecommunications company(ies) involved, arrange for a cable locator and make arrangements for relocation or other protection of the fiber optic cable prior to beginning any work on the railroad's premises.

The following Standard sheet have been modified:
Retrofit Guide for T101 or C101 Rail on curbs (MOD) TYPE T101RC.

Work on one road at a time with the exception of extending culvert cross structures. The Contractor will be allowed to move a work crew to the next approved road to extend culverts after previous project culvert work is completed. Complete installation of permanent vegetative measures before beginning all other work on the next road, unless otherwise approved.

On FM 2661, there is a Bald Eagle's nest located approximately at STA 271+00 (USGS Coordinates 32.252588 N, -95.451111 W). No work will be allowed in a 1500 ft. radius around nesting sight from the months of January 1 thru June 31 and October 1 thru December 31. The actual nesting sight will be determined in the field.

Refer to TxDOT Standard Specifications in the event historical issues or archeological artifacts are found during construction. Upon discovery of archeological artifacts (bones, burnt rock, flint, pottery, etc.) cease work in the immediate area and contact the Engineer immediately.

Perform work as necessary off the right of way on temporary construction easements for driveway construction. All work performed in these areas will be paid for under the pertinent bid items of the Contract.

Remove all vegetation from pavement edges, intersections, and driveways prior to planing operations, seal coat, or ACP operations. This work will not be paid for directly, but will be subsidiary to the bid items of the Contract.

ITEM 4. SCOPE OF WORK

Upon completion of the work and before final acceptance, remove all foreign material, stains, and marks from concrete surfaces. Sandblast clean concrete surfaces as directed. Clean existing concrete structures that are marked or stained by the Contractor's operations. This work will not be paid for directly, but will be subsidiary to the bid items of the Contract.

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Preserve the integrity of all right of way monuments within project limits. Right of way monuments damaged or destroyed during construction shall be replaced by a registered professional land surveyor (RPLS), at the Contractor's expense.

ITEM 5. CONTROL OF THE WORK

If utility lines need adjustments during construction operations, modify operations and continue the work in a manner that will allow others to make the utility adjustments. Additional working time may be allowed for delays caused by these utility adjustments.

Utility locations if shown on the plans are approximate. Contact utilities in accordance with Article 5.5, "Cooperation of Contractor."

ITEM 7. LEGAL RELATIONS AND RESPONSIBILITIES

This Contract requires work that crosses or is in close proximity to a railroad. Cooperate with the railroads and comply with all of their requirements including obtaining any training they require before performing work on railroad property.

Railroad flaggers will be paid for under the Railroad Force Account under control 0492-05-023 and 2654-01-018.

Keep mailboxes in a position accessible to the carrier's vehicle along the travel way. The Contractor may mount mailboxes on a portable stand that keeps the mailbox in a level position approximately 42 in. above the pavement.

Furnish mounts for mailboxes in accordance with the Compliant Work Zone Traffic Control Device List for temporary mailboxes.

Coordinate with the local mail carrier where to place temporary mailboxes.

Concrete truck drivers and concrete pump operators are required to wash out only in designated areas specifically constructed for eliminating run-off. Dispose of materials in accordance with federal, state, and local requirements.

ITEM 9. MEASUREMENT & PAYMENT

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In accordance with Article 9.1.B, "Volume Measurement," furnish the tare and maximum gross weight for all vehicles, trucks, truck-tractors, trailers, semi-trailers, or combination of such vehicles used to deliver materials for this Contract. Also, furnish calculations supporting these weights. Provide all measurements required for pay a minimum of 2 days before the trucks are used.

ITEMS 110 & 132. EXCAVATION & EMBANKMENT

Excavation and embankment for driveways, intersections, and crossovers will not be paid for directly, but will be subsidiary to the various bid items unless otherwise shown on the plans.

When excavation is required to adjust stream flow lines at culvert ends, flatten the side slopes of channels and the backslopes of parallel ditches to the maximum extent possible within the existing right of way and channel easements.

ITEM 152. ROAD GRADER WORK

Use a road grader to construct subgrade widening and adjacent slopes. Construct portions of roadway according to the typical sections shown in plans. When cutting into the existing pavement, establish a smooth vertical edge prior to widening operations in accordance with the typical sections.

ITEM 164. SEEDING FOR EROSION CONTROL

Mow tall vegetation prior to placement of erosion control measures in order to provide optimal growing conditions. This work will not be paid for directly, but will be subsidiary to the bid items of the Contract.

The season and seed mixture for "Broadcast Seeding (Temporary Erosion Control) (Cool Season)" and "Broadcast Seeding (Temporary Erosion Control) (Warm Season)" is specified below:

Cool Season	-	September 1 thru November 30
Warm Season	-	May 1 thru August 31

Apply seeding at a rate of 30 lbs. of pure live seeds per acre for permanent seeding. The following are lists of the weights of the different seeds for the different soil conditions and different locations:

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Permanent Rural Seed Mix (Warm Season)			
Clay Soils		Sandy Soils	
(lb. PLS/ac.)		(lb. PLS/ac.)	
Green Sprangletop	0.6	Green Sprangletop	0.7
Bermuda grass	3.6	Bermuda grass	4.1
Bahia grass	18.2	Bahia grass	20.6
Sideoats Grama	5.5	Lance-Leaf Coreopsis	2.3
Illinois Bundleflower	2.0		

Use crimping as the tacking method for hay or straw mulch.

ITEM 166. FERTILIZER

Place fertilizer at the rate of 1 lb. per 9 sq. yd. on areas prepared for seeding.

ITEM 168. VEGETATIVE WATERING

Apply water to all newly placed sod or seeded areas the same day of installation. Maintain the sod or seeded areas in a completely watered condition. Do not allow sod or seeded areas to dry out so that water stress is evident.

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ITEM 316. SURFACE TREATMENTS

Protect all existing bridges, curbs, and other exposed concrete surfaces from asphaltic materials by any acceptable method. Removal of excessive asphaltic materials deposited on these surfaces will be at the Contractor's expense.

During surface treatment application, if existing conditions warrant, vary the lane widths, transitions, and intersection areas as directed.

Perform rolling as directed with equipment complying with Section 210.2.D.2, "Medium Pneumatic Tire." This work will not be paid for directly, but will be subsidiary to pertinent Items.

For each project, complete surface treatment and allow surface to cure for 10 days before placing asphaltic concrete pavement unless otherwise authorized or directed.

Do not apply asphalt later than 1 hour before sunset unless otherwise approved.

The Engineer will approve stockpile sites for materials. Locate stockpile site a minimum of 30 ft. from the roadway unless otherwise authorized. Place stockpiles in a manner that will not interfere with access from abutting property and will not obstruct traffic or sight distance. Avoid stockpiling at intersections. Notify the Engineer at least 5 working days prior to stockpiling material to secure approval of the site. The Engineer may approve stockpiling of materials closer than 30 ft. from the travel way if adequate barricades and devices are furnished and approved. Keep stockpile clear of debris and vegetative growth as approved.

Furnish aggregate pre-coated with AC-5 asphalt cement. The target value for asphaltic coating will be 1.2% and shall be increased to 2.2% for lightweight aggregates. The coating shall cover over 90% of each aggregate.

Place surface treatments between May 1 and October 1 unless otherwise authorized or directed.

The rates shown on the plans for asphalt and aggregate are for estimating purposes only. The rates may be varied as directed.

ITEM 340. DENSE-GRADED HOT-MIX ASPHALT (METHOD)

The Engineer may accept a previously approved design, if prior experience using the design was satisfactory. Unless waived by the Engineer, a trial batch will be required as outlined in Item 340. The Hamburg Wheel Tracking requirements are waived for driveways.

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Dilution of tack coat is not allowed.

Give the State inspector at the spreading and finishing machine 1 weight ticket for each load of material. When directed, weigh asphaltic concrete loads on public scales to ensure the proper weight of material.

Provide Class B coarse aggregate for the surface as listed in the Department's *Bituminous Rated Source Quality Catalog* (BRSQC).

For driveways designated by the Engineer to be reconstructed, scarify, blade smooth, sprinkle, and compact to the extent necessary to produce a firm, stable foundation prior to placement of ACP. This work will not be paid for directly, but will be subsidiary to Item 340.

When using crushed gravel as a coarse aggregate for ACP, use 1% lime as an antistripping agent.

ITEM 341. DENSE-GRADED HOT-MIX ASPHALT (QCQA)

Provide Class A coarse aggregate for surface projects CSJ No. 0206-06-024 (US 79) and CSJ No. 0345-02-044 (SH 110) as listed in the Department's *Bituminous Rated Source Quality Catalog* (BRSQC).

Provide Class B coarse aggregate for surface projects CSJ No. 0378-05-007 (SH 135), CSJ No. 0378-06-018 (SH 135), CSJ No. 0378-07-023 (FM 347), CSJ No. 0492-05-023 (FM 346), CSJ No. 1151-01-010 (FM 848), CSJ No. 2065-01-010 (FM 2138), and CSJ No. 2654-01-018 (FM 2661) as listed in the Department's *Bituminous Rated Source Quality Catalog* (BRSQC).

When using crushed gravel as a coarse aggregate for ACP, use 1% lime as an antistripping agent.

Provide coarse aggregate for the final surface course from the same source or blended sources unless otherwise directed.

Give the State inspector at the spreading and finishing machine 1 weight ticket for each load of material. When directed, weigh asphaltic concrete loads on public scales to ensure the proper weight of material.

Modify the asphalt binder for the ACP surface with either SBR Latex (L) or SBS rubber (S) in accordance with Item 300.

Dilution of tack coat is not allowed.

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Target laboratory molded density is 96.5%.

ITEM 400. EXCAVATION AND BACKFILL FOR STRUCTURES

Backfill the excavation to within 10 in. of the existing finished grade when cutting existing pavement for the installation of drainage structures. Restore the remaining 10 in. of pavement with an approved asphaltic concrete pavement or other approved material; place and compact in 3 approximately equal layers. Usual testing of this material is not required, but the Engineer will approve the material at the time of placement. This work will be paid for at the unit price bid for "Cutting and Restoring Pavement."

ITEM 401. FLOWABLE BACKFILL

Use an accelerator that produces a set time in 4 hours. Provide a rheofill or equivalent air entrainment to ensure flowability. Anchor pipes to ensure no movement or displacement by the flowable fill. Furnish paper type cylinder test molds.

ITEM 432. RIPRAP

Locations and quantities may be varied as directed by the Engineer to accommodate field conditions.

ITEM 462. CONCRETE BOX CULVERTS AND STORM DRAINS

Chamfer the bottom edge of the top slab of all cast in place box culverts 3 in. at the entrance (upstream end). Adjust reinforcing bars to provide a minimum of 2 in. of clear cover. No reduction will be made in the plan quantity and no additional compensation will be allowed for this work.

Provide cast-in-place concrete box culverts.

ITEM 467. SAFETY END TREATMENT

Reshape embankment side slopes and provide embankment as required. Add mulch sod to achieve a smooth uniform finish around the installation of the safety end treatments and culvert extensions as directed.

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ITEM 496. REMOVING STRUCTURES

All materials removed under this Item are the property of the Contractor.

Remove and salvage all dedication medallions and plaques found attached to the existing bridge structure being replaced. Clean each medallion and plaque free of all concrete and foreign matter, and deliver to the Engineer in a timely manner. All work performed in the removal, salvaging, and cleaning of the medallions and plaques will not be paid for directly, but will be subsidiary to the various bid items of the Contract.

The Engineer will collect the medallions and plaques, tagging each of them with its respective highway number, name of creek or stream crossing and date of removal, and send them to the Tyler District Environmental Coordinator for further handling.

ITEM 502. BARRICADES, SIGNS, AND TRAFFIC HANDLING

The traffic control plan for this Contract consists of: the installation and maintenance of warning signs and other traffic control devices shown on the plans; specification data, which may be included in the general notes; applicable provisions of the Texas Manual on Uniform Traffic Control Devices (TMUTCD); traffic control plan sheets included on the plans; standard BC sheets; Compliant Work Zone Traffic Control Devices List, and Item 502 of the Standard Specifications.

Inspect and correct deficiencies each day throughout the duration of the Contract.

Provide at least one employee on call nights and weekends (or any other time that work is not in progress) for maintenance of signs and traffic control devices. This employee must have an address and telephone number near the project, as approved. Notify the Engineer in writing of the name, address, and telephone number of this employee. The Engineer will furnish this information to local law enforcement officials.

Sign all roads intersecting the project in accordance with BC(2)-03.

Refer to the traffic control plan sheets for traffic handling through the work area. Contractor may vary the signing arrangement and spacing as necessary to fit field conditions; however, any proposed changes in the traffic control plan must be approved before implementation.

When the sequence of work is shown on the plans, the Contractor may submit an alternate proposal for approval. Submit in writing all proposed variations and revisions.

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The flagger's vest, shirt, or jacket shall be either orange, yellow, yellow-green, or a fluorescent version of these colors as stated in Chapter 6E of the TMUTCD.

Place and maintain signs, channelizing devices, and flaggers to direct and route traffic at any location and for any period of time as may be required or directed.

When operations require a lane closure, provide cones, vertical panels, drums, signs, flaggers, and flashing arrow panels as necessary to route traffic around the closed lane as shown on the plans and as directed. Lane closures will be limited to one specific lane in each direction unless otherwise shown on the plans or outlined.

Unless otherwise approved, lane closures for minor or major construction operations will not be allowed on Good Friday, Easter weekend, Memorial Day, Memorial Day weekend, July 4th, Labor Day, Labor Day weekend, Thanksgiving Day thru Sunday, Christmas Eve, Christmas Day, New Year's Eve, New Year's Day, or on any other high traffic days or holidays as determined.

Erect R4-1 (Do Not Pass) and R4-2 (Pass With Care) signs to mark existing no-passing zones as directed. (These signs will not be required if these zones will not be eliminated during construction.)

Maintain existing roadside signs within this project's limits during this Contract. In order to accommodate the grading or other operations, temporarily relocate these signs in accordance with the TMUTCD as directed. This work will not be paid for directly, but will be subsidiary to Item 502.

Provide a truck-mounted attenuator (TMA) on the trailing vehicle as shown on the appropriate traffic control plan sheets. Provide a letter certifying that all TMA's used on this project meet the NCHRP 350 requirements.

Regulate all construction activities and equipment to cause a minimum of inconvenience to the traveling public. At points where it is necessary for trucks to stop, load, or unload, provide warning signs and flaggers to protect the traveling public.

The pavement shall be entirely open to traffic each night. Remove or clearly barricade all material stockpiles, equipment left overnight, or any obstruction within 30 ft. of a travel way as approved.

The maximum distance between the advanced warning signs and the construction operation shall not exceed 1 mi. at any time.

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When a culvert extension, inlet construction, or safety end treatment, etc. is within 30 ft. of a travel lane, delineate these areas as shown on BC(9)-03. In addition, provide a 4-ft. high plastic construction fence at or around any structure or obstruction that would be a hazard to pedestrians unless otherwise approved. Erect fence using a minimum of 4-T-posts, one at each corner of the structure or obstruction.

Where there is excavation adjacent to the pavement edge, provide adequate warning signs, vertical panels, drums, and lights at the pavement edge as directed. Treat pavement drop-offs created by ACP operations in a similar manner in accordance with the details shown on the plans.

When excavation is required for widening next to a travel lane carrying traffic, widening must be completed by the end of the day's operation and place sufficient backfill against the edge of pavement in order to provide a 3:1 min. slope.

Provide a pilot vehicle.

Do not perform base widening on both sides of the roadway simultaneously.

All work required by these general notes, except as provided for by Item 502, will not be paid for directly, but will be subsidiary to Item 502 unless otherwise shown on the plans.

ITEM 506. TEMPORARY EROSION, SEDIMENTATION, & ENVIRONMENTAL CONTROLS

Remove dirt, silt, rocks, debris, and other foreign matter that accumulates in all structures due to project erosion and Contractor's operations. Keep stream channels open at all times. This work will not be paid for directly, but will be subsidiary to this Item.

The total disturbed area for this project is 95 acres. The disturbed area in this project, all project locations in the Contract, and Contractor project specific locations (PSLs) within 1 mile of the project limits for the Contract, will further establish the authorization requirements for storm water discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. Obtain any required authorization from the TCEQ for any Contractor PSLs for the construction support activities on or off right of way. When the total area disturbed for all projects in the Contract and PSLs within 1 mile of the project limits exceeds 5 acres, provide a copy of the Contractor NOI for PSLs on the right of way to the Engineer (to the appropriate MS4 operator when on an off-State system route).

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The Engineer will provide copies of the Construction Site Notice and Notice of Intent. Post and maintain these documents at the project limits and at major roadways intersecting the project as directed. This work will be subsidiary to Item 506.

ITEM 540. METAL BEAM GUARD FENCE

Do not paint treated timber posts.

As directed, place mulch sod before installing guard fences.

Use timber posts on all metal beam guard fence except where steel posts are required in accordance with “Low Fill Culvert Post Mounting” details shown on standard sheet MBGF.

Length of steel posts for low fill culvert post mounting will be determined in the field to ensure proper metal beam guard fence height.

ITEMS 540 & 542. METAL BEAM GUARD FENCE & REMOVING METAL BEAM GUARD FENCE

Prior to removal of existing MBGF and associated appurtenances, submit to the Engineer for approval a work plan, including a detailed timeline, outlining removal and reinstallation of safety features. It is the intent that the Contractor has the necessary materials and labor force available to reinstall the safety features prior to beginning the removal process.

Regardless of when the Contractor installs proposed MBGF, set the rail height to account for any subsequent surfacing work in order to be in accordance with standard MBGF upon completion of the Contract.

ITEM 542. REMOVING METAL BEAM GUARD FENCE

All metal beam guard fence not designated for reuse will become the property of the Contractor. Dispose of fence as directed.

ITEM 544. GUARDRAIL END TREATMENTS

The type of GET will be Type 1 unless otherwise shown on the plans.

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ITEM 560. MAILBOX ASSEMBLIES

Use round posts with 12 in. reflector tape for all single and multiple mailbox installations.

ITEM 585. RIDE QUALITY FOR PAVEMENT SURFACES

Use Surface Test Type A to evaluate ride quality of travel lanes in accordance with Item 585, "Ride Quality for Pavement Surfaces."

ITEM 644. SMALL ROADSIDE SIGN SUPPORTS & ASSEMBLIES

Sign types for which details are not shown on the plans shall conform to "Standard Highway Sign Designs for Texas," latest edition.

ITEM 658. DELINEATOR AND OBJECT MARKER ASSEMBLIES

Accept ownership of unsalvageable delineator and object marker assemblies and remove from the right of way.

ITEM 662. WORK ZONE PAVEMENT MARKINGS

For this project, Contractor may use paint and beads for work zone pavement markings (non-removable).

Dispose of all empty paint containers and unused paint in accordance with federal, state, and local requirements.

Do not use foil backed pavement markings as removable work zone pavement markings. Removable work zone pavement markings shall be pliant polymer detour grade (removable) material or other markings that can be obliterated or removed to the satisfaction of the Engineer.

ITEM 666. REFLECTORIZED PAVEMENT MARKINGS

Use the spray method for application of the thermoplastic compound for lane lines, barrier lines, edge lines and channelizing lines.

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Extrude hot to the pavement surface thermoplastic compound for arrows, stop lines, transverse lines, crosswalk lines, words and symbols.

For lengths greater than 300 ft., the Contractor shall be responsible for the placement of pilot guideline markings. Place markings in the proper alignment as established by the Contractor and approved by the Engineer. Previously placed tabs that are preserved on the approved alignment may be used as a guide for the placement of pilot guideline markings. Controlled surveys may be required for the proper placement of tabs and for the proper placement of control points for pilot guideline markings.

Provide a crew experienced in the work of installing pilot guideline markings and in the necessary traffic control. Supply all the equipment, personnel, traffic control, and materials necessary for the placement of pilot guideline markings as directed. All work shall be in conformance with Part VI of the TMUTCD.

Pilot guideline markings placed on the roadway for alignment purposes shall be temporary in nature and shall not establish a permanent marking on the roadway. The Engineer will approve materials used for pilot guideline markings and equipment used for placement.

ITEM 672. RAISED PAVEMENT MARKERS

Provide dispensing equipment such that the bituminous material can be directly applied from the melting pot to the pavement surface without secondary handling. Dispensing material from the melting pot into a separate container and then to the pavement surface will not be permitted. Intermittent agitation of the bituminous material shall be by a method approved by the Engineer to ensure even heat distribution and shall be such that the adhesive is agitated at approved and consistent intervals.

ITEM 5010. TRANSPORTABLE CELLULAR TELEPHONES

Provide 3 transportable cellular telephone serviced by a local cellular provider. The Engineer will select the calling plan. This Item will not be paid for directly, but will be subsidiary to pertinent Items.